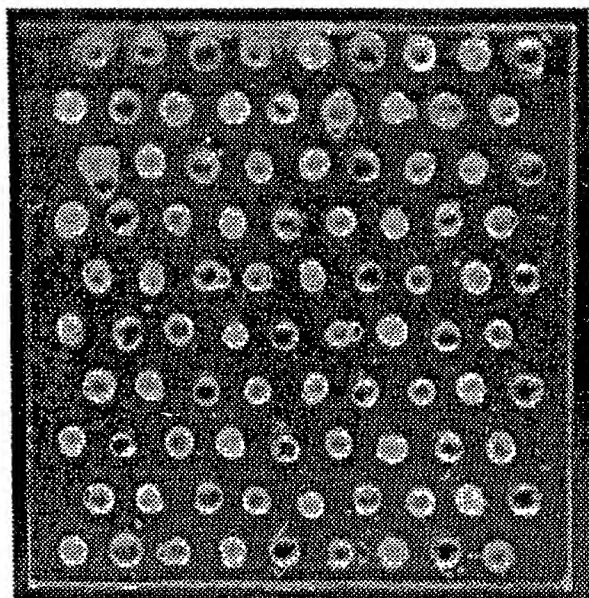


Fig. 1



039655637.092701

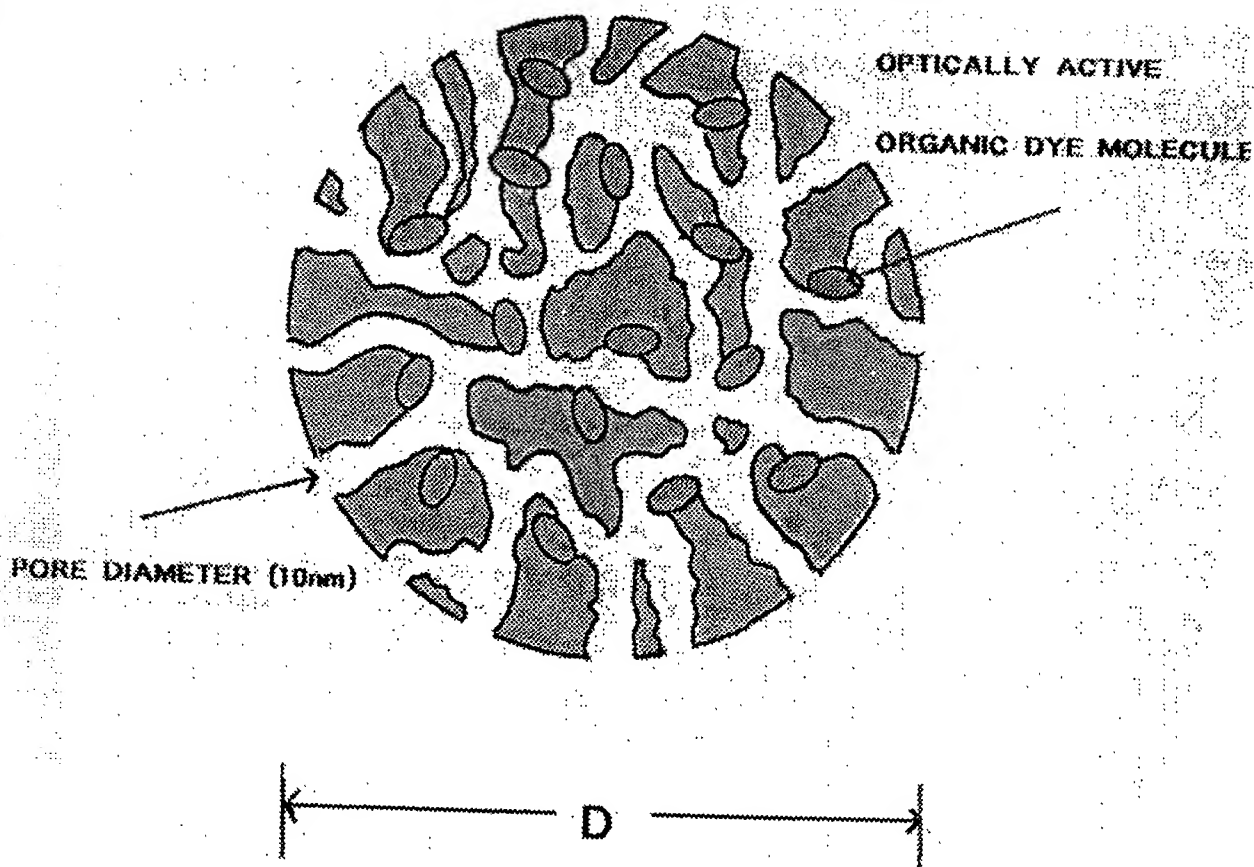


Fig 2

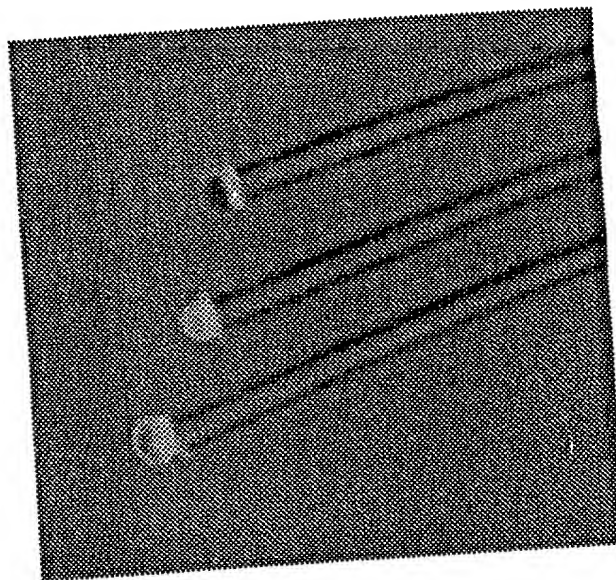


Fig. 3

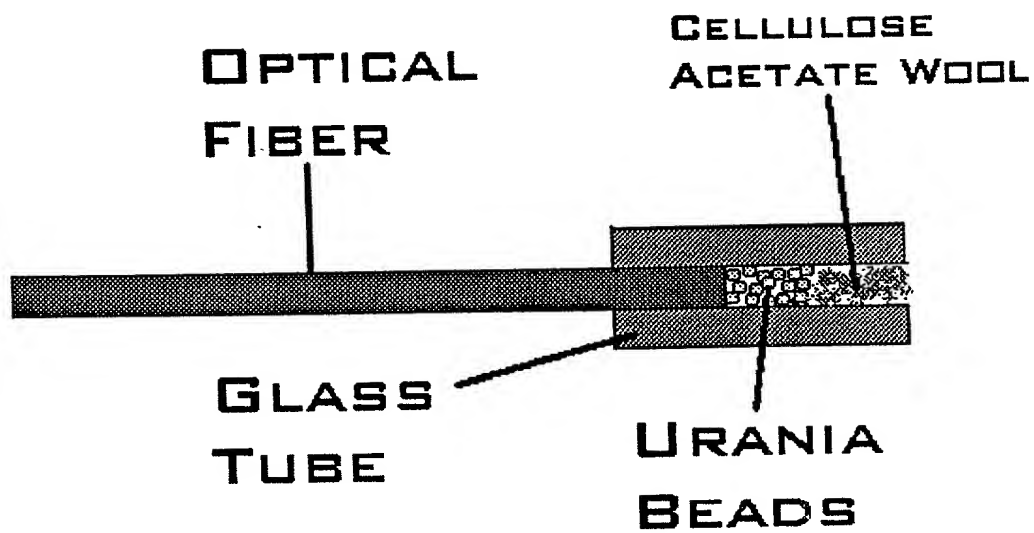


Fig. 4

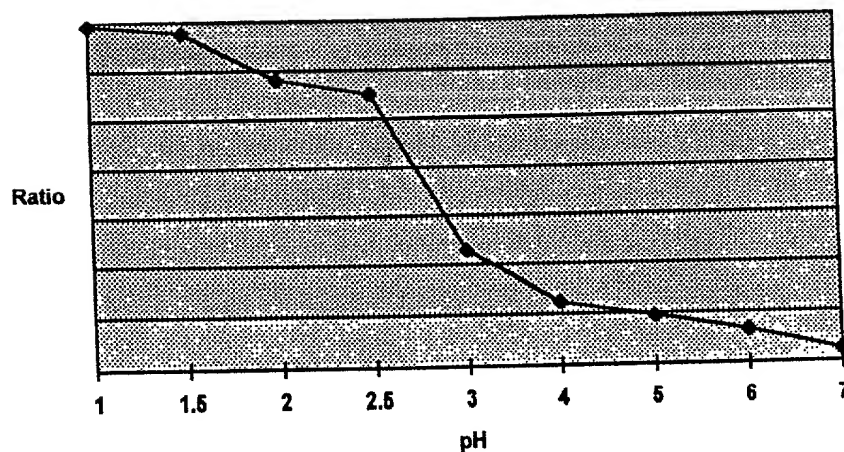


Fig. 5

107260" 28959660

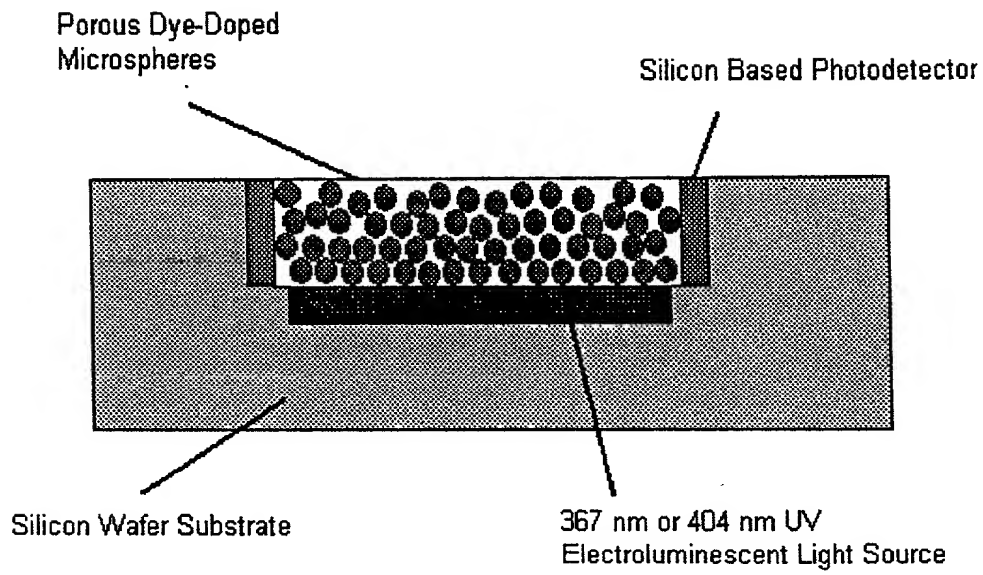


Fig. 6

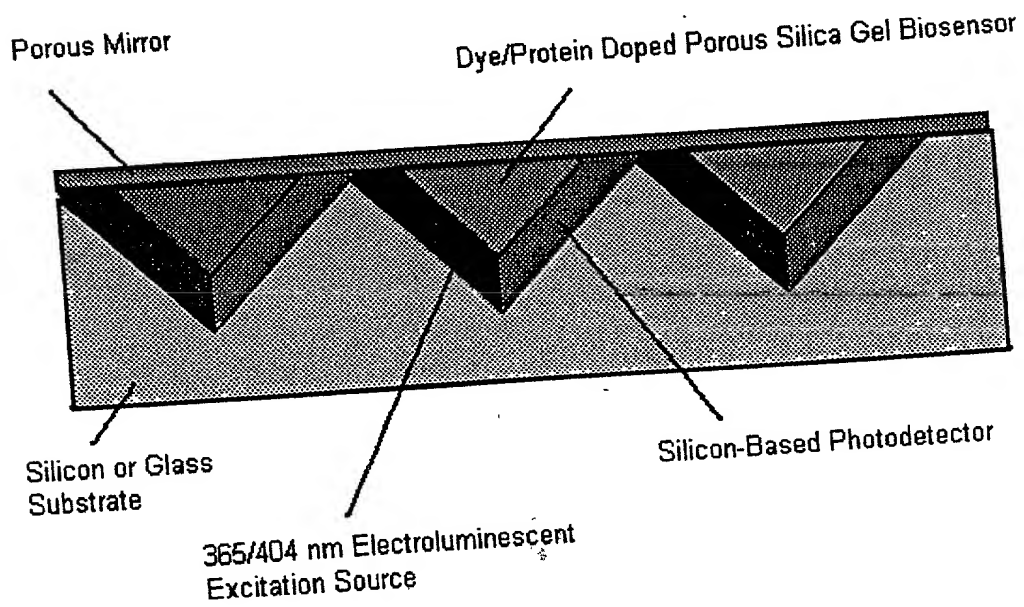


Fig. 7

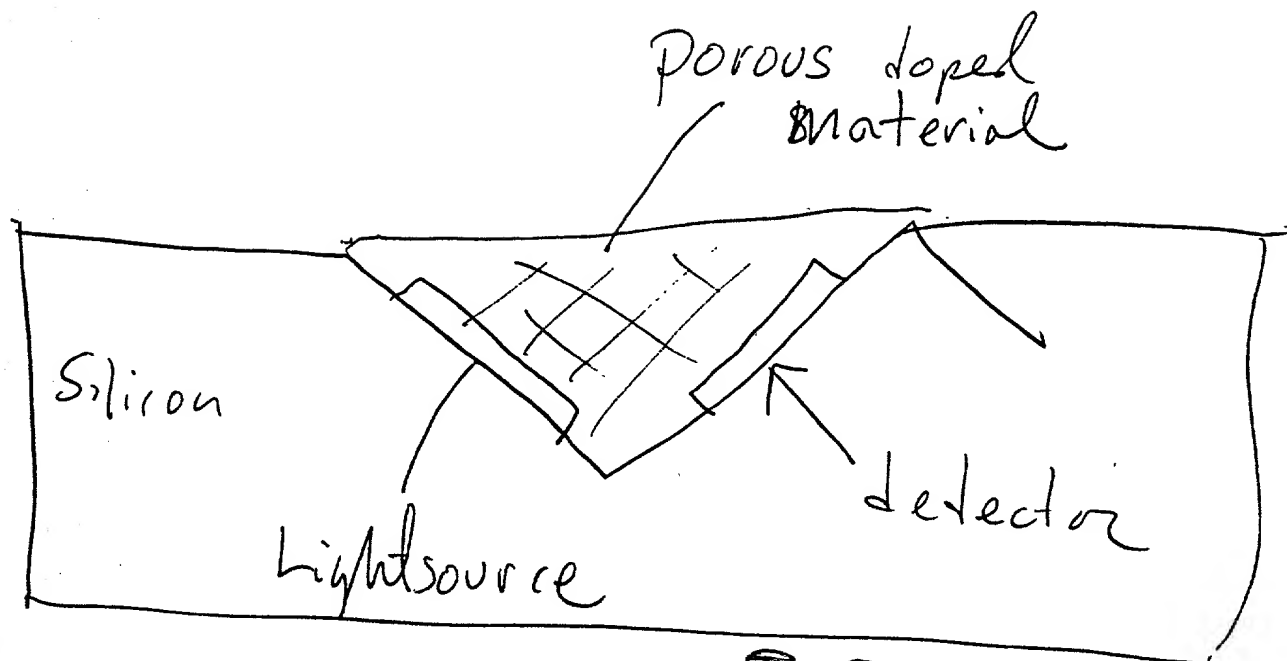


Fig 8

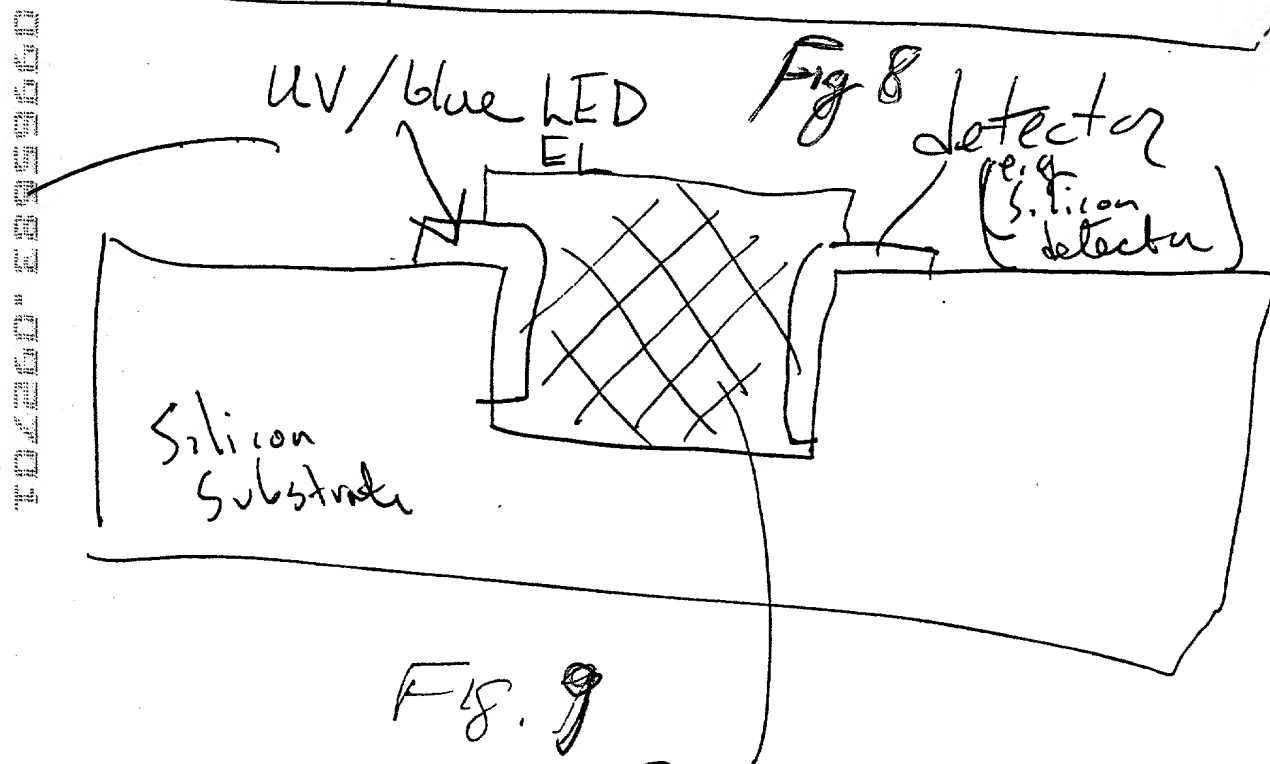


Fig. 9

Porous Fluorescent
sensor material

(i.e. Fluorescein
doped silica gel)

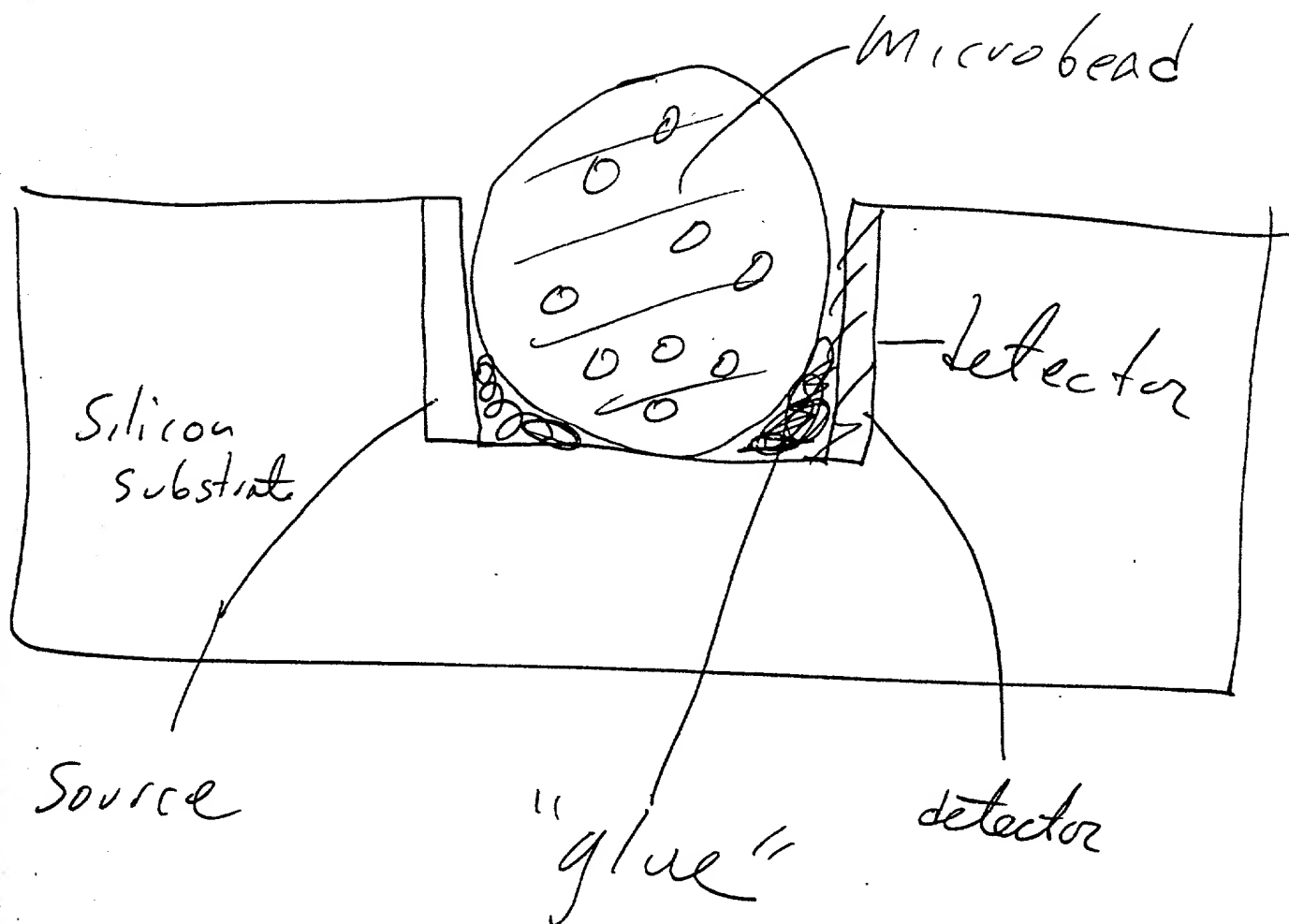


Fig 10

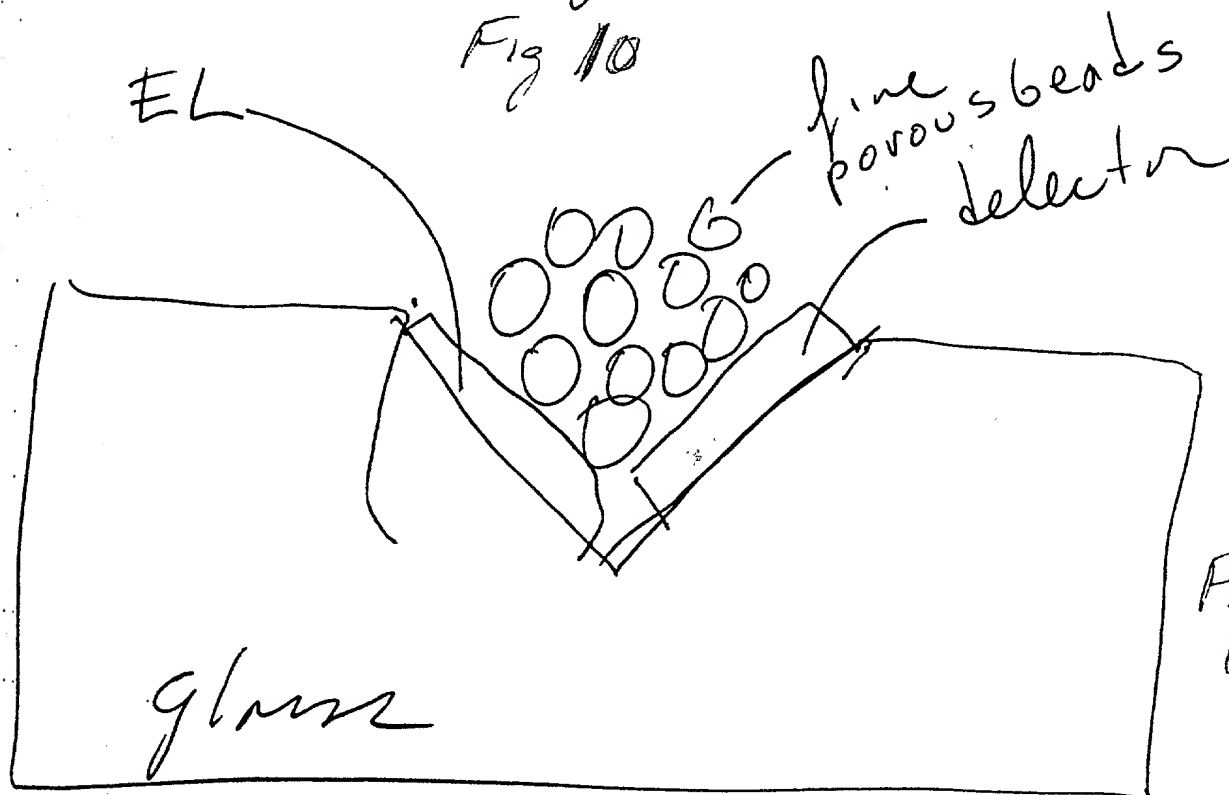


Fig 11

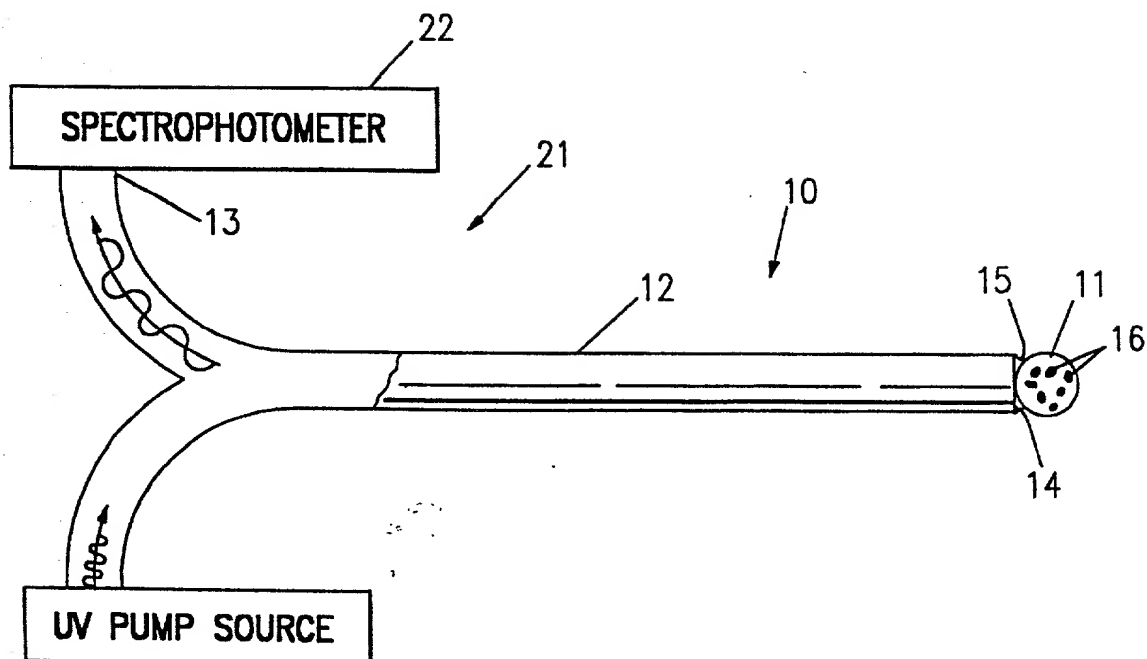


Fig 12

FIG. 12

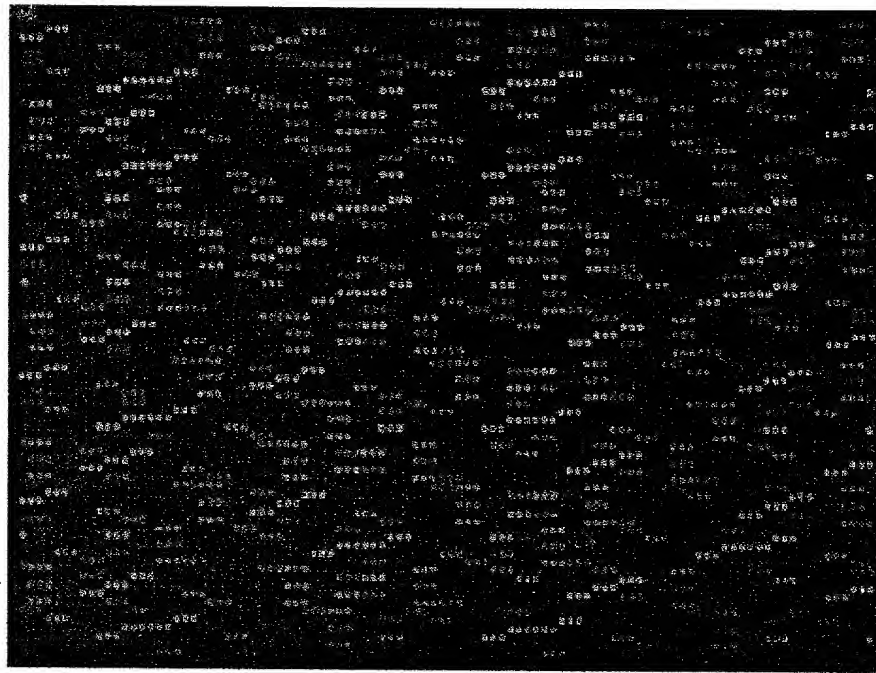


Fig. 13.

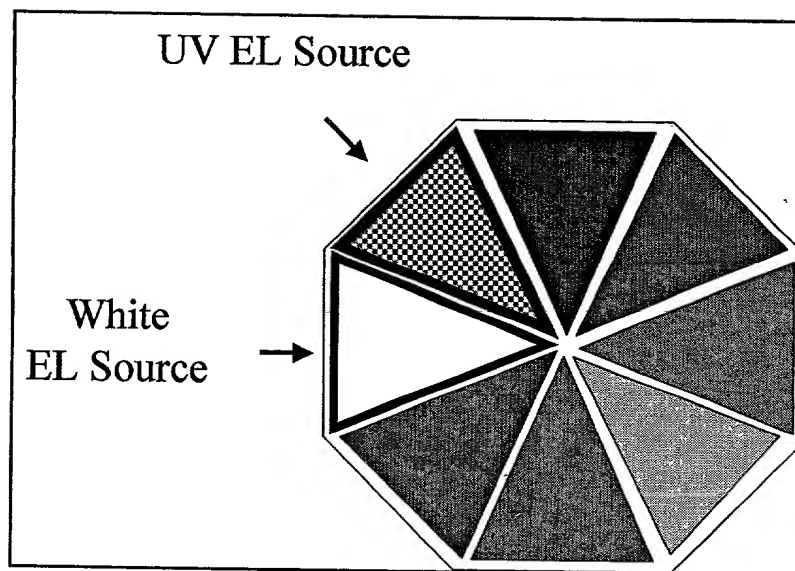


Fig. 14.

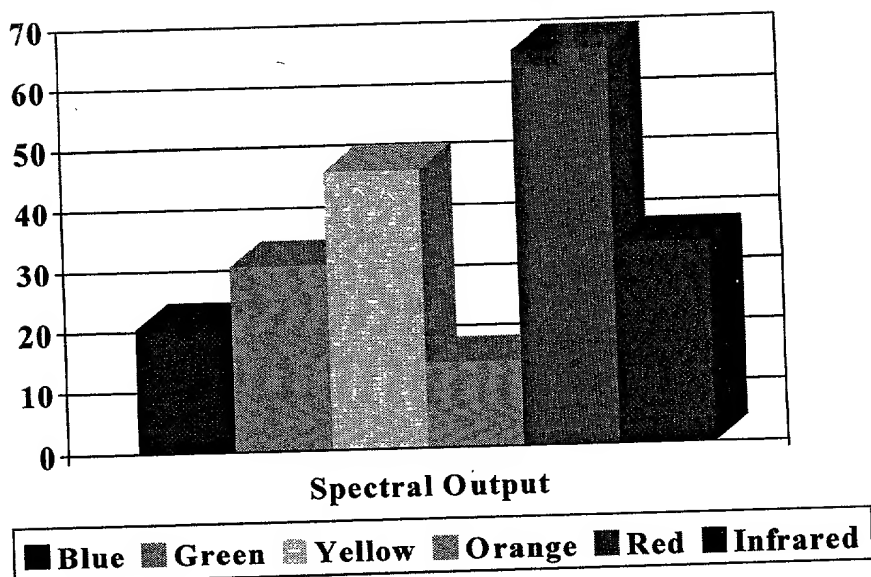


Fig 15

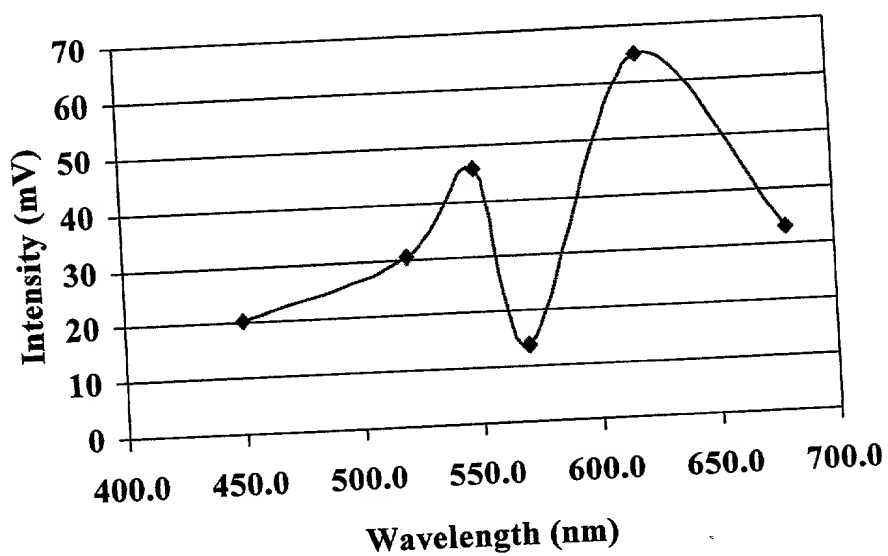


Fig. 16

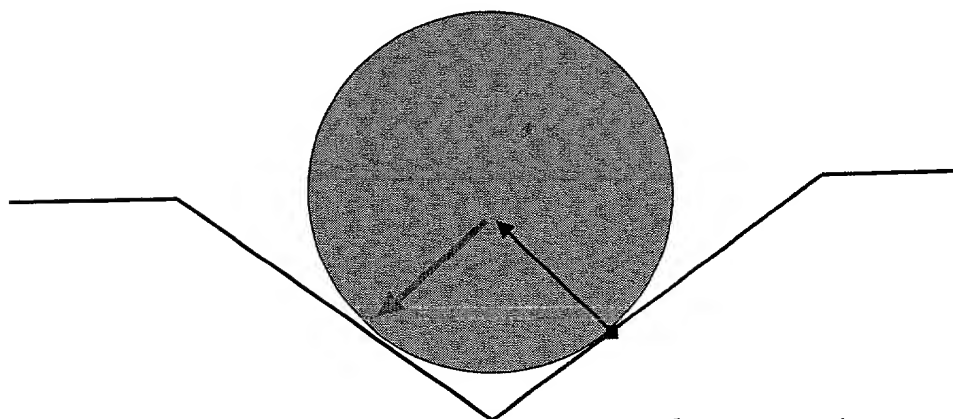


Fig. 17

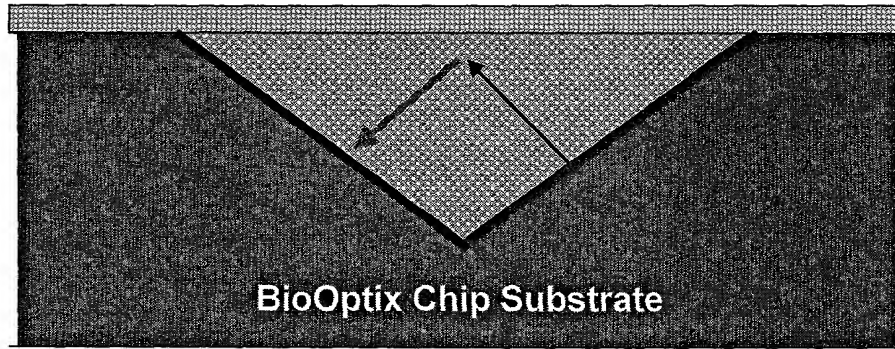


Fig. 18

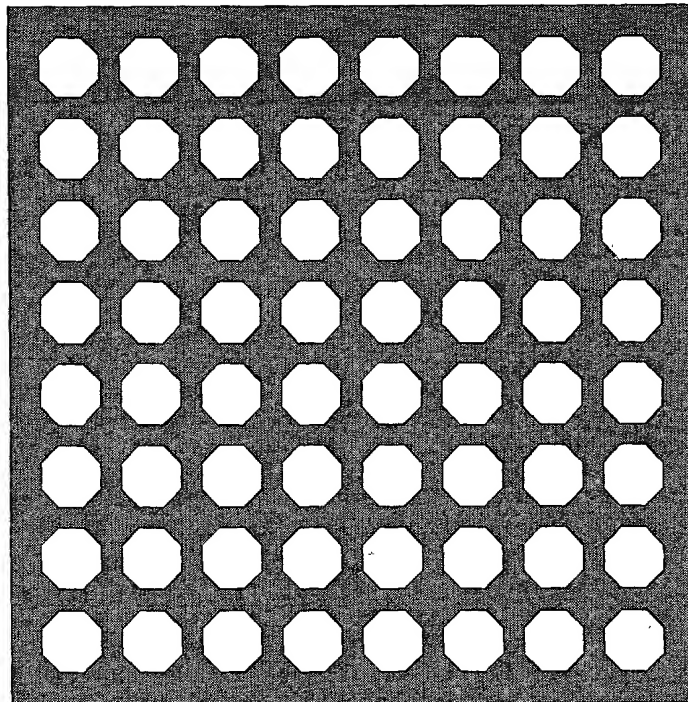


Fig. 19

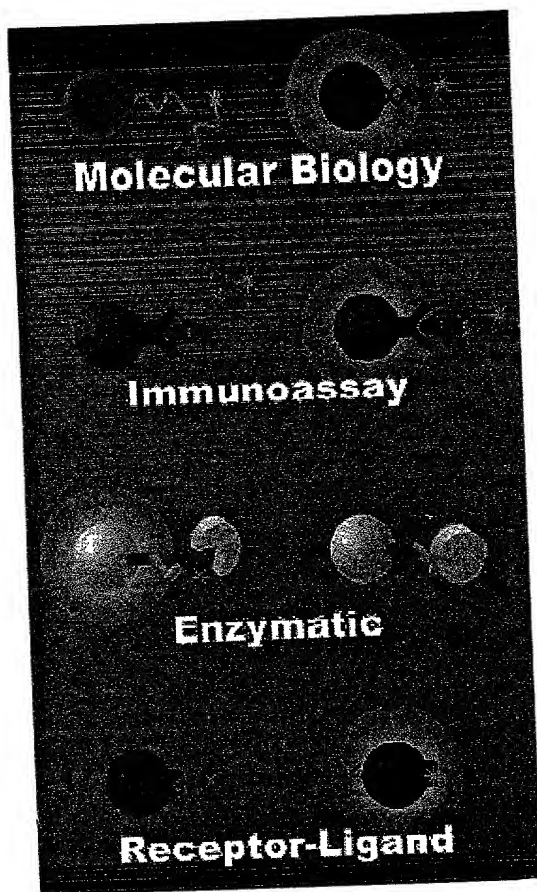


Fig. 20

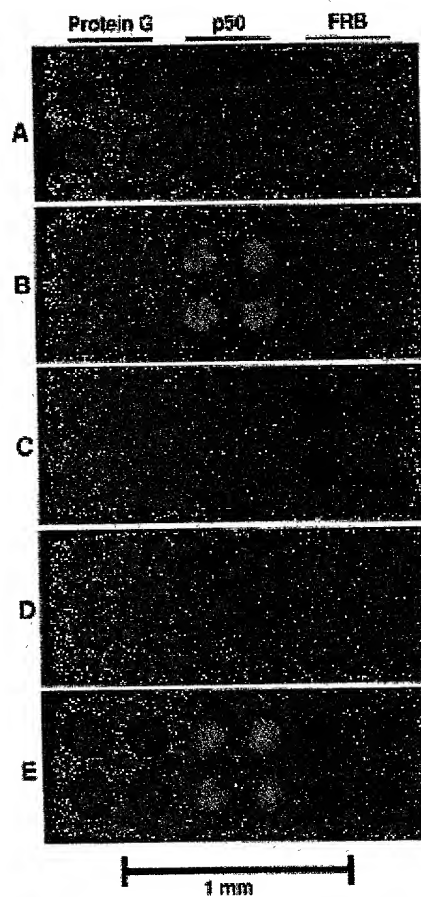


Fig. 21

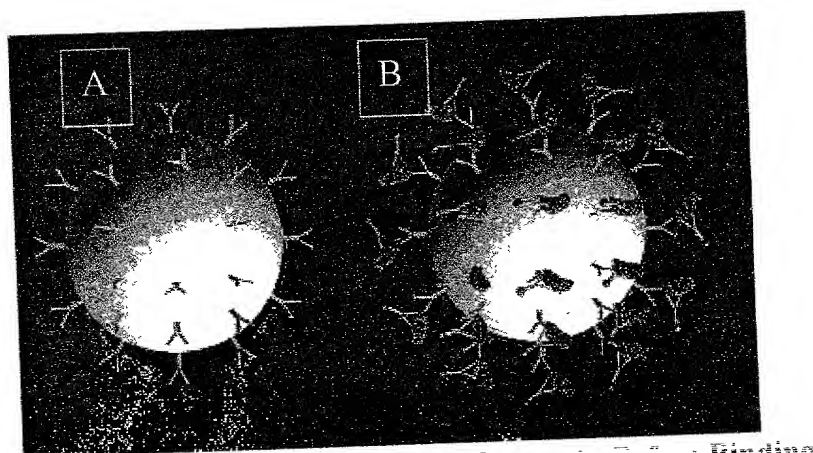


Fig. 22